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1. (CURRENTLY AMENDED) A sanitation system for a refrigerated fixture, comprising:

a spray manifold positioned in a case tank of a refrigerated fixture below a product support, the spray manifold being arranged to provide thorough spray coverage in a swirling spray pattern within the case tank without adversely effecting product concurrently on display on the product support;

a reservoir adapted to contain a chemical disinfectant that kills bacteria on contact;

a pump adapted to pump disinfectant from the reservoir through the spray manifold, whereby disinfectant is sprayed into the case tank;

a controller connected to the pump and adapted to control the frequency and duration of the spray through the spray manifold.

2. (PREVIOUSLY PRESENTED) The sanitation system as defined in Claim 1, wherein the disinfectant is a quaternary ammonium.

3. (PREVIOUSLY PRESENTED) The sanitation system as defined in Claim 1, wherein water is supplied to the pump via a water supply line and a metering valve is used to combine desired proportions of water and disinfectant.

4. (PREVIOUSLY PRESENTED) The sanitation system as defined in Claim 3, wherein a filter is provided on the water supply line to filter out contaminants.

5. (PREVIOUSLY PRESENTED) The sanitation system as defined in Claim 1, wherein a one way valve is positioned on the water supply line to prevent backflow.

6. (PREVIOUSLY PRESENTED) The sanitation system as defined in Claim 1, wherein a one way valve is disposed between the reservoir and the pump to prevent backflow.

7. (PREVIOUSLY PRESENTED) The sanitation system as defined in Claim 1, wherein the pump and the controller are positioned on a panel.

8. (PREVIOUSLY PRESENTED) The sanitation system as defined in Claim 1, wherein a flow regulator is used to maintain a constant flow rate.

9. (PREVIOUSLY PRESENTED) The sanitation system as defined in Claim 1, wherein a metering valve is used to ensure a consistent injection of disinfectant.

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